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## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-073488

(43) Date of publication of application: 12.03.2003

(51)Int.Cl. C08J 5/18 B32B 27/36

B65D 65/40 // C08L 67:02

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(30)Priority

Priority number: 2001187111 Priority date: 20.06.2001 Priority country: JP

## (54) POLYBUTYLENE TEREPHTHALATE-BASED RESIN ORIENTED FILM, MULTI-LAYERED ORIENTED FILM AND BAG-LIKE PACKAGING MATERIAL WITH THE SAME (57)Abstract:

PROBLEM TO BE SOLVED: To provide an oriented film excellent in appearance, inside visibility, designability or the like, including less fish-eyes with forming stability obtained by using a polybutylene terephthalate-based resin made by continuous polymerization method, and to provide a multi-layered oriented film and a bag-like packaging material with the same. SOLUTION: This oriented film is obtained by using a polybutylene terephthalate-based resin made by continuous polymerization method and contains  $\leq$ 20 pieces/100 cm2 fish-eyes of  $\geq$  20  $\mu$ m size in a film of the resin with 50  $\mu$ m thickness. The multi-layered oriented film is made by laminating the oriented film with other resin layer. The bag-like packaging material is made by heat-sealing the bottom and/or more than two sides of these oriented films.